



Calhoun: The NPS Institutional Archive

Information Technology and Communication Services (ITACS) Computer Center Bulletin

1998-08-17

Bulletin of Information Technology and Information Services / 1998-08-17

Monterey, California, Naval Postgraduate School

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Bulletin of Information Technology Services and Information Services

Inside this Issue. . .

NPS Helpdesk for all computer questions	1
Personal Web Pages individual pages in, personal pages out	1
Web Resources DefenseLink, tech reports, more	2
New Databases Coming Soon! Military City Online, Cam- bridge Scientific Abstracts	2
New Associate Provost for Information Technology	2
Help Your Email Get There no brackets or quotes in the address	2

ITS News

NPS Helpdesk

If you've heard those words, you're one of the people who've been calling 1046 or 1047. The helpdesk has been best known to users of the School's Banyan Vines network (now Windows NT); but more and more faculty, staff, and students schoolwide are calling (or dropping by He-E209) and getting answers to their computer questions. Many are also sending email to *helpdesk*. The helpdesk is staffed 7am to 6pm.

Personal Web Pages

A recent sweep revealed that there were over 150 web servers at NPS, sending web pages to the world and presenting a potential security weakness for NPS systems. There has been a concerted effort to place as many of those pages as possible on department web servers, where there is sufficient staff to address security concerns.

All this has resulted in questions and
(See "Web" on page 2)

Knox Library News

Web Resources

The Executive Summary of the newly released Report of the Commission to Assess the Ballistics Missile Threat to the United States is now available on the Web. The Library has a link from our Military Page

<http://web.nps.navy.mil/~library/military.htm>

The direct link is

<http://www.house.gov/nsc/testimony/105thcongress/BMThreat.htm>

Most of this report is classified and the Library will be receiving a full copy which will be kept in the Re-

stricted Resources and Services area.

A number of very useful reports can be found at the Defense Science and Technology Planning Documents page. The available reports include: *Science and Technology Strategy*; *1998 Joint Warfighting Science and Technology Plan*; *1997 Defense Technology Area Plan*; *1998 Defense Technology Objectives*; *1997 Basic Research Plan*; and *Advanced Battlespace Information System Task Force Report*. As well as the web versions of these reports, the Library also holds hard copies of many of these reports. Check BOSUN for our holdings.

(Continued on page 2)

<http://web.nps.navy.mil/~frazier/bul.html>

17 August 1998
Monterey, California
Naval Postgraduate School

(Continued from page 1)

The United States Special Operations Forces Posture Statement 1998 is available in both web and hard copy versions.

<http://www.defenselink.mil/pubs/sof/>

The latest edition of the Allied Contributions to the Common Defense is now also available in web and hard copy versions.

<http://www.defenselink.mil/pubs/allied.html>

New Databases Coming Soon!

The Library is in the process of negotiating a couple of new contracts which will enable us to offer several new data-bases via the web. We hope to be able to provide access to Military City Online and Cambridge Scientific Abstracts very soon. Military City Online will allow us to provide full-text access to the Army, Navy, Air Force and Marine Corps Times from the Internet. Cambridge Scientific Abstracts will allow us to provide access to the indexes and abstracts of the following databases: Aerospace Database (AIAA) from 1986 forward; NTIS (National Technical Information Services) Database from 1964; Microcomputers Abstracts from 1989; Computer and Information Systems Abstracts from 1981; Electronics and Communications Abstracts from 1981; ERIC from 1966; Mechanical Engineering Abstracts from 1981; and WEL-DASEARCH from 1967 forward. Look for announcements of these new arrivals soon!

Greta E. Marlatt gmarlatt@nps.navy.mil

(from Web on page 1)

rumors regarding what web pages would be allowed. Helen Davis, NPS Webmaster, quotes from policy statements:

Individuals have always been able to create and publish their own web pages at NPS. The policy for these pages is that they be:

- professionally presented,
- current, accurate and factual,
- reasonably related to the NPS mission, the NPS research program, or other areas of interest to DOD/DON,
- personal information, if present, should be limited to that reasonably related to official duties.

Department of the Navy guidelines for use of the web

state that

"There is no such thing as a personal or unofficial home page on a ".mil" server because these servers and the information they contain are properly used only for official business, and in an official capacity"

Joe LoPiccolo, Director of Information Technology Services, adds: NPS will look at reducing the number of web servers and pages. Specifically, the individual web pages that can be combined into group or department pages. [For example:] It's not necessary for someone to have an individual home page that explains procedures on Exchange; this should be on one of the 05 pages.

Larry Frazier frazier@nps.navy.mil

New Associate Provost for Information Technology

Thomas Halwachs has been appointed Associate Provost for Information Technology for a three year term that began July 1. He succeeds Professor James Emery who will continue developing a strategic plan for IT and Life Cycle Management while assigned to the Systems Management Department.

Tom is particularly interested in developing support procedures that will assist the faculty in instruction and research while continuing to fully integrate the Navy IT-21 standard in managerial support. The Computer Users' Council and the Computer Advisory Board will be important communication vehicles in the development of these procedures. Improved integration of NPS information systems with the Navy and the Department of Defense are also being investigated.

Questions and input on policy or procedures can be forwarded by e-mail to halwachs@nps.navy.mil or by telephone at 831-656-2392. The Information Technology office is in Ingersoll 132.

Previously, Tom has held appointments as Senior Lecturer of Operations Research, Associate Chairman of the Operations Research Department, and Director of Wargaming and Operations Analysis Programs Curricular Officer.

Dennis Mar mar@nps.navy.mil

Help Your Email Get There

An Internet address consists of a userid followed by a domain name, separated by an at-sign (userid@domain.name). For most of the mail software at NPS, you don't need to add anything to the Internet ad-

(Continued on page 3)

dress when you send e-mail -- just use the Internet address with no spaces or embellishments. Most importantly, don't add square brackets around the address.

Punctuation in e-mail addresses isn't a popular topic of conversation, but it is extremely important for successful communication. Mail software, like most other programs, expects matched "sets" of certain punctuation, like quotes, brackets and parens.

The delivery of e-mail depends upon matching a domain name **exactly** (as well as having a valid userid, of course). Extra punctuation marks or extra characters interfere with matching, and cause non-delivery of mail and "host unknown" errors.

Examples of problem addresses:

Instead of:

"Hiram B Holt" <hholt@mediaone.net> <-- note the '

Please use: "Hiram B Holt" <hholt@mediaone.net>

Eliminating the trailing single-quote should fix the error.

Instead of:

smtp[jconley345@aol.com] <-- note brackets & 'smtp'

Please use: jconley345@aol.com

Removal of the extraneous "smtp" and the square brackets will make this address deliverable.

As a general rule, ADD NOTHING to an Internet address when you send a message from Outlook or Unix workstations. Your success in reaching the intended recipient may depend upon it.

Caroline Miller postmast@nps.navy.mil
NPS Postmaster

Note: the following info is correct as of press time, 10 Aug. 1998. Further changes and reassignments will be reported next issue.

Computer questions (Unix, PC, Mainframe, Cray)?
Send email to

hdesk@nps.navy.mil or consult@nps.navy.mil

or call ext 1046 or 1047 or 3429 or visit the Helpdesk:
Mon-Fri He-E209 0700-1800 or In-146 0930-1130.

Status recording: 656-2713

A mainframe computer operator who can check some of the basics of the operation of the network is on duty from 0000 to 2400, Mon.-Fri., and 0800-1600 Sat. and Sun.

Dial-up: 656-2709; up to 28.8 kbps

pop server: pop.nps.navy.mil

mail (SMTP) server: mail.nps.navy.mil

news server: news.nps.navy.mil

DNS server: nps.navy.mil

Computing Services POC

Code	Manager	Organization Name	Phone
05	Tom Halwachs	Assoc. Provost, Info. Tech.	2392
050	David Norman	Dep. Assoc. Prov. for I. T.	2572
05A	Art Schoenstadt	Assoc. Dean for Info. Tech.	2662
05B	James Emery	Life Cycle Management	3614
50	David Norman	Dir. Network Operations	2574
51	Bob Gentry	Dir. Datacenter Operations	3698
52	Dale Courtney	Dir. Application Developmnt.	2752
53	Joe LoPiccolo	Director IT Services	2994
54	Jeff Franklin	ADP Security Officer	2469
Help Desk	email <i>hdesk</i>		1046/1047

Network Administrators:

Lonna Sherwin	1065	Rene Lightcap	1066
Chris Abila	2195	Charles Taylor	2875
Lary Moore	3170	Joe Rogers	3660
Bob Sharp	2875	Terri Brutzman	5700
John Perry	3665		

Email addresses of the above are first initial followed by last name. Email addresses below are simply the last name @nps.navy.mil, unless shown otherwise in italics.

Editor, Bulletin	Larry Frazier	In-113	2671
User Registration	Eldor Magat	In-114	4156
	Hiram Cooke	In-116	3662
ADPSSO (Security)	Neil Harvey	In-108	2088
Shift Supervisor, Operations		In-140	2721
Unix Sys Admin:	Hiram Cooke	In-116	3662
	Eldor Magat	In-114	4156
	Joe Blau (Mgr.)	In-111	3204

Unix Workstations (ITS Labs)

In-141 has 15 Sun SPARC 10/41; Sp-311, 7; Ha-201C, 3.
(Each has an HP LaserJet 4si printer.)

Visualization Lab In-148

Eldor Magat In-114 4156

Silicon Graphics: Onyx2, Indigo2 Extreme, Indy; and 1 ea.: ACCOM digital disk recorder, Mac Quadra 700, HP

730, DEC PC XL590, Sun SPARC 10/41

Ingersoll 151 LRC: Open: M-F 0800-1630

15 486 33's, 1 HP 4si;

Point of Contact: Joe Rogers x3660

Glasgow LRC's: Open: M-F 0800-1630

GL-203 28 P120 GL-318 24 HP 700

GL-128 11 P120, 5 486/33, 6 HP 700

Point of Contact: Debbie Kreider GL-203 x4163 *dkreider*

Knox Library

Director: Maxine Reneker *mreneker* 2341

Library Web Glen Koue, *gkoue* 3324

Library Systems George Goncalves *ggoncalves* 5094

Info. Systems Mgr. Greta Marlatt *gmarlatt* 3500

Library Catalog (BOSUN) available via the Web:

<http://web.nps.navy.mil/~library/>

Computer Users Council (CUC)

Caroline Miller, President 3313

Ed Nath, Secretary *enath* 3014

Mainframes

We operate (1) An IBM System 390 9672-R24 with 2 gigabytes of RAM. Interactive computing is provided under VM/ESA CMS, batch processing under MVS/ESA with JES3 networking. (2) A Cray J94 (4 cpus, 1 GB memory, Unicos). VM/CMS and MVS are available 24 hrs/day, 7 days/wk.

Mainframe Terminals

In-141 6 3192-2 Graphics/APL

Bldg223 11 3178-2 (1 APL)

Mainframe Printers

In-140 IBM 3800-3 Laser (215 ppm)

IBM 3262 Impact (650 lpm)

In-141 Tek 4693D Color Printer/Plotter

In-148 Shinko CHC-743MV Color Printer

Sp-311 IBM 3203 Impact (1000 lpm)

NPS Computer Club

Club URL: <http://web.nps.navy.mil/~npscompu>

Club President Mike Holden *mjholden*

PC SIG Chair Mike Dulke *mdulke*

Mac SIG Chair James Rowland *usna92@mbay.net*

Distribution: List 3, plus: 2-B3, 100-B4, 230-B5, 2-B6, B15. **Copy to:** 1-OR/Bi, 12 PERSEREC, 10-NTCC, 9-DMDC, 1-NAVSECGRUDET, 1-NOARL, 30-OC, 5-FNOC Computer

Bulletin of Information Technology and Information Services

<http://web.nps.navy.mil/~frazier/bul.html>

7 October 98

Naval Postgraduate School

Monterey, California

ITS News

Bulletin Format

Do you recognize this as the same computer-oriented Bulletin that has been published continuously for many years? Its name has changed, as the department name has changed, but the titles have all mentioned computer or information. The title above is little changed from last issue, but the layout is considerably different. That issue was created with Microsoft Publisher, which allows complex multi-column effects, and makes it easy to control how articles continue between pages. Unfortunately, it does a poor job of converting those fancy effects to Web format, or to Word (needed for the approval of the Bulletin as it is being put together); thus the current format.

End of "Phase I"

NPS is moving toward full support of IT21 for all administrative systems, with the encouragement of Admiral Chaplin. Information Technology Services (ITS) has been working toward the consolidation of the network operating systems historically in use at NPS as "Phase I" of the move towards IT21.

The old Novell and VINES (Groupwise) systems have been phased out over the past months, being replaced by Microsoft NT and Microsoft Exchange Outlook. All Groupwise users have now been migrated to the NT/Exchange software that is fully IT21-compliant, and the old Groupwise servers have been turned off.

All addresses in the form of "userid@mntry2.nps.navy.mil", "userid@mntry.nps.navy.mil", or "userid@wposmtp.nps.navy.mil" are now obsolete. Most have been replaced by e-mail addresses in the format "userid@monterey.nps.navy.mil", which are Outlook e-mail accounts. These users can also be reached at addresses in the format "userid@nps.navy.mil", which is the preferred standard at the School.

With the shutting down of the old Groupwise servers, Phase I of the IT21 support is complete.

Caroline Miller, CUC Chairman postmaster@nps.navy.mil

"NPS Helpdesk"

If you've heard those words, you're one of the people who've been calling 1046 or 1047. The helpdesk has been best known to users of the School's Banyan Vines network

(now Windows NT); but more and more faculty, staff, and students schoolwide are calling (or dropping by He-E209) and getting answers to their computer questions. Many are also sending email to helpdesk@nps.navy.mil. The helpdesk is staffed 7am to 6pm, Mon-Fri.

NPS E-mail Addresses

The standard format of e-mail addresses at NPS is `userid@nps.navy.mil`

EX: `cjmiller@nps.navy.mil`

For local messages to an account on the *same* mail system as the sender, the address can be simply the userid. The mail software will automatically append the domain address that is valid for that mail system, whether the mail system is a departmental setup or a campus-wide system.

EX: `cjmiller`

Many use the fully specified address for subdomains, which includes the organizational subdomain name:

EX: `cjmiller@monterey.nps.navy.mil`

What causes problems is the invalid combination of these three cases. When a subdomain is specified, it should *always* be in combination with the FULL NPS domain name, never just a part of it.

EX: `cjmiller@monterey.navy.mil` <-- INVALID!! This lacks "nps."

When in doubt, you can check the online NPS phonebook for the valid e-mail addresses. See <http://phonebook.nps.navy.mil/>

Caroline Miller postmaster@nps.navy.mil

Maximum E-Mail File Size

3145728 bytes is the maximum file size that aol.com will accept. Sending large files as e-mail is problematic, and causes errors. Keep your e-mail under 3Meg and you will probably be ok.

Caroline Miller postmaster@nps.navy.mil

Knox Library News

Computer Select Database Provides Access to World of Technology

Need to write a paper on electronic commerce? Beginning to do research on distance learning and technology? Are you trying to catch up with the latest Internet technology or fad? Is it time to upgrade your computer and you still haven't gotten a clue about Pentium Pro versus Pentium II chips? Do you need sources that are concise, clear to understand and expertly written? If you answer "yes" to any of these question, then Computer Select on CD-ROM at the Dudley Knox Library is for you.

Computer Select delivers comprehensive and complete information on the entire technology industry. With monthly updates, each CD-ROM contains the most recent 12 months from over 170 technology publications, including in-depth abstracts from trade and business magazines, industry and company newsletters, local and national newspapers. You get access to publications like AI Expert, Computer Graphics World, Electronic Learning, InfoWorld, PC Week, PC User, Software Magazine, Telecommunications Review, and T.H.E Journal. Each month there is a new disc with the latest news, updates, industry developments, product specifications, reviews, technical tips and manufacturers' profiles. Computer Select consists of six sections:

Articles - Twelve months of full-text and abstract coverage from computer industry journals, trade and business magazines, industry and company newsletters, and local and national newspapers in the areas of hardware, software, electronics, engineering, communications, and the application of technology

Hardware Products - Descriptions and specifications of over 28,000 hardware products, covering laptops to supercomputers

Software Products - Descriptions and specifications of over 38,000 software products, including general business software as well as vertical market software

Company Profiles - Provides detailed information on over 13,000 companies, giving addresses and phone numbers, names of key executives, gross annual sales figures, year established, and number of employees

Glossary of Terms - Provides definitions of thousands of computer and telecommunications terms and acronyms

Online User Guide - Contains instructions for using the Computer Select database

Searching is done through an intuitive, menu driven, point-and-click interface, that also allows full text keyword searching. If you need greater sophistication you can use wild cards, Boolean (AND, OR, NOT, etc.) and proximity (terms appearing in same sentence or paragraph) operators.

Currently Computer Select is available through a stand-alone station only. To find out more about this or any other electronic resource available in the Library, please stop by the Reference Desk and talk to one of our librarians.

George Goncalves ggoncalves@nps.navy.mil

Online Catalog Developments

BOSUN, the Library's online catalog has recently been upgraded. This will give us greater flexibility as well as allowing us to proceed with our plans to purchase the Hyperion software. Hyperion is a digital media archiving system, and we plan to use it for digitizing NPS theses and reports as well as possibly other material in the future.

Greta Marlatt gmarlatt@nps.navy.mil

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	Joe Blau	He-E202	3204
Editor, Bulletin	Larry Frazier	He-E209	2671
User Registration	Eldor Magat	He-E202	4156
	Hiram Cooke	He-E202	3662
ADPSSO (Security)	Neil Harvey	In-108	2088
Shift Superv., Operations		In-140	2721

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Ingersoll 151 LRC: Open: M-F 0800-1630 15 486 33's, 1 HP 4si; Joe Rogers x3660

Glasgow LRC's: Open: M-F 0800-1630 PoC: Debbie Kreider GL-203 x4163 dkreider GL-203 28 P120 GL-318 24 HP 700; GL-128 11 P120, 5 486/33, 6 HP 700

Knox Library

Director:	Maxine Reneker	2341	Libr. Systems	George Goncalves	5094
Libr. Web	Glen Koue	3324	Info. Sys. Mgr.	Greta Marlatt	3500

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NPS Computer Club <http://web.nps.navy.mil/~npscompu> **President** Mike Holden mjholden **PC SIG Chair** Mike Dulke mdulke **Mac SIG Chair** James Rowland usna92@mbay.net

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